

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050439

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/030609 A1 (LEE HSIN-TA) 13 February 2003 (2003-02-13) paragraph '0031! - paragraph '0040! figures 5,6	1
A	EP 0 631 271 A (SHARP KK) 28 December 1994 (1994-12-28) column 18, line 41 - column 19, line 26 figure 13	1
A	EP 1 207 513 A (SANYO ELECTRIC CO) 22 May 2002 (2002-05-22) paragraph '0059! - paragraph '0068! figures 4,5	1
A	US 2003/090448 A1 (HIYAMA IKUO ET AL) 15 May 2003 (2003-05-15) paragraph '0094! - paragraph '0111! figures 10-15,17-19	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

23 May 2005

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003030609	A1	13-02-2003	TW	523724 B	11-03-2003
EP 0631271	A	28-12-1994	JP	3102666 B2	23-10-2000
			JP	7072511 A	17-03-1995
			DE	69414762 D1	07-01-1999
			DE	69414762 T2	02-06-1999
			EP	0631271 A1	28-12-1994
			KR	156019 B1	16-11-1998
			US	5581273 A	03-12-1996
			US	5926158 A	20-07-1999
EP 1207513	A	22-05-2002	JP	2002156922 A	31-05-2002
			CN	1354452 A	19-06-2002
			DE	60109714 D1	04-05-2005
			EP	1207513 A1	22-05-2002
			TW	521255 B	21-02-2003
			US	2002060674 A1	23-05-2002
US 2003090448	A1	15-05-2003	JP	2003131636 A	09-05-2003
			US	2003169379 A1	11-09-2003